



Vacuum Sublimation Apparatus

This sublimation apparatus is for purification by sublimation of quantities of about 0.5 to 500mg, under vacuum. It consists of a cylindrical, flat bottomed flask for sample and a water cooled finger type condenser. The condenser has an outer short skirt with a Standard Taper 24/25 outer joint to fit over the neck of the flask. Above the joint there is a side hose connector for attachment to vacuum source.

CATALOG NO.	DESCRIPTION	JOINT	QUANTITY / PACK	PRICE
ML-1800-700	Sublimation Apparatus		1	\$147.29
ML-1800-702	Flask		1	\$40.30
ML-1800-704	Condenser	ST 24/25 outer	1	\$101.51



McCarter Vacuum Sublimation Set

These McCarter sublimation apparatus, used for purification of compounds under reduced pressure or vacuum, are made of borosilicate glass and are designed for subliming high boiling or heat sensitive compounds. In operation, sublimate collects on the inner surface of an open bottom, jacketed, inverted cone. Product is easily recovered and there is little chance for sublimate to form on the outer wall. Apparatus consists of a kettle, a head containing the cone, horseshoe-shaped clamp (LG-7316), and an adapter (LG-1701-102) to connect to vacuum source. When assembled, the cone is approximately 25mm from the bottom of the kettle. Both kettle and head have flanges which are grooved for a Viton® O-ring (LG-1022).

CATALOG NO.	DESCRIPTION	APPROX CAPACITY UP TO CONE BOTTOM	APPROX O.D. OF KETTLE	CLAMP SIZE	O-RING SIZE	STOPCOCK SIZE	QTY / PK	PRICE
LG-10433-104	Sublimation Apparatus	100mL	80mm	80mm	339	6mm	1	\$1788.77
LG-10433-106	Sublimation Apparatus	200mL	4-1/2"	4-1/2"	348	6mm	1	\$2424.47
LG-10433-108	Sublimation Apparatus	300mL	5-1/2"	5-1/2"	359	6mm	1	\$3427.29
LG-10433-126	Kettle	200mL	4-1/2"	4-1/2"	348	6mm	1	\$245.19
LG-10433-128	Kettle	300mL	5-1/2"	5-1/2"	359	6mm	1	\$255.44
LG-10433-144	Head	100mL	80mm	80mm	339	6mm	1	\$1404.37
LG-10433-146	Head	200mL	4-1/2"	4-1/2"	348	6mm	1	\$1788.77
LG-10433-148	Head	300mL	5-1/2"	5-1/2"	359	6mm	1	\$2750.44